RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	<i>10/55</i> 3, 098
Source:	PCT
Date Processed by STIC:	10/24/2005

ENTERED



PCT

RAW SEQUENCE LISTING DATE: 10/24/2005 PATENT APPLICATION: US/10/553,098 TIME: 10:59:06

Input Set : D:\Avalon-188.txt

Output Set: N:\CRF4\10242005\J553098.raw

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3 <110> APPLICANT: Avalon Pharmaceuticals, Inc.
      5 <120> TITLE OF INVENTION: Determining Cancer-Linked Genes and Therapeutic Targets
             Using Molecular Cytogenetic Methods
     8 <130> FILE REFERENCE: 689290-188
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,098
C--> 11 <141> CURRENT FILING DATE: 2005-10-13
     13 <150> PRIOR APPLICATION NUMBER: 60/462,895
     14 <151> PRIOR FILING DATE: 2003-04-15
    16 <160> NUMBER OF SEO ID NOS: 923
    18 <170> SOFTWARE: PatentIn version 3.0
    20 <210> SEQ ID NO: 1
    21 <211> LENGTH: 267
    22 <212> TYPE: DNA
    23 <213> ORGANISM: Homo sapiens
    25 <400> SEQUENCE: 1
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    27 ttaagatett gttattteag etteataaga teaaagagga gtettteeet tttetettt
                                                                              120
    28 acceteagga tteteatece ttacagetga etetteeagg caattteeat agatetgeag
                                                                              180
    29 tectgeetet gecaeagtet etetgttgte cecaeateta eccaaettee tgtaetgttg
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    30 cccttctgtc gtcttctcgc agccgta
                                                                              267
    33 <210> SEQ ID NO: 2
    34 <211> LENGTH: 1686
    35 <212> TYPE: DNA
    36 <213> ORGANISM: Homo sapiens
    38 <400> SEQUENCE: 2
    39 ccacgegtec gggcgtaage caggegtgtt aaageeggte ggaactgete eggagggeae
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    40 gggctccgta ggcaccaact gcaaggaccc ctccccctgc gggcgctccc atggcacagt
                                                                              120
    41 tegegttega gagtgacetg cactegetge tteagetgga tgeacecate eccaatgeae
                                                                              180
    42 cccctgcgcg ctggcagcgc aaagccaagg aagccgcagg cccggccccc tcacccatgc
                                                                              240
    43 gggccgccaa ccgatcccac agcgccggca ggactccggg ccgaactcct ggcaaatcca
                                                                              300
    44 gttccaaggt tcagaccact cctagcaaac ctggcggtga ccgctatatc ccccatcgca
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    45 gtgctgccca gatggaggtg gccagcttcc tcctgagcaa ggagaaccag tctgaaaaca
                                                                              420
    46 gccagacgcc caccaagaag gaacatcaga aagcctgggc tttgaacctg aacggttttg
                                                                              480
    47 atgtagagga agccaagatc cttcggctca gtggaaaacc acaaaatgcg ccagagggtt
                                                                              540
    48 atcagaacag actgaaagta ctctacagcc aaaaggccac tcctggctcc agccggaaga
                                                                              600
    49 cctgccgtta cattccttcc ctgccagacc gtatcctgga tgcgcctgaa atccgaaatg
                                                                              660
    50 actattacct gaaccttgtg gattggagtt ctgggaatgt actggccgtg gcactggaca
                                                                              720
    51 acagtgtgta cctgtggagt gcaagctctg gtgacatcct gcagcttttg caaatggagc
                                                                              780
    52 agcctgggga atatatatcc tctgtggcct ggatcaaaga gggcaactac ttggctgtgg
                                                                              840
    53 gcaccagcag tgctgaggtg cagctatggg atgtgcagca gcagaaacgg cttcgaaata
                                                                              900
    54 tgaccagtca ctctgcccga gtgggctccc taagctggaa cagctatatc ctgtccagtg
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    55 gttcacgttc tggccacatc caccaccatg atgttcgggt agcagaacac catgtggcca
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56 cactgagtgg ccacagccag gaagtgtgtg ggctgcgctg ggccccagat ggacgacatt

1080

Input Set : D:\Avalon-188.txt

57	tggccagtgg	tggtaatgat	aacttggtca	atgtgtggcc	tagtgctcct	ggagagggtg	1140
58	gctgggttcc	tctgcagaca	ttcacccagc	atcaaggggc	tgtcaaggcc	gtagcatggt	1200
				gagggggcac			1260
60	tctggaatgt	gtgctctggg	gcctgtctga	gtgccgtgga	tgcccattcc	caggtgtgct	1320
				tcatctcagg			1380
				ccaaggtggc			1440
				atggggccac			1500
				agttggaccc			1560
				tccaccaagg			1620
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	<211> LENG						
72	<212> TYPE	: DNA					
73	<213> ORGAN	NISM: Homo s	sapiens				
	<400> SEQUI		-				
			caaqaccaaq	aggagttgtg	taatqqqaaa	tgcaagtcaa	60
				taagaagtag			120
				aaccaaatgt			180
				agtctagtgc			240
				ctttacttcc			300
				agagggttgc			360
				gaaagcttca			420
				aacttcatga			480
				tatgctgtgc			540
				taatggatca			600
				aacatcttga			660
				ctttgccaac			720
				tttctacctc			780
				tacctctaaa			840
				atcagaaaag			900
				tcaagcaacc			960
				aattaaaaat			1020
				gctactcaaa			1080
				aagtgccaaa			1140
				gcacataaca	-		1200
				tatcatgatg			1260
				attaaactat			1320
				attagctaat		_	1380
				gaatatttga			1440
						tatttatata	1500
						cttaaatatt	1560
						ctagttttca	1620
						tcattcaaaa	1680
						agacaatgat	1740
						g agatacacct	1800
						atcattcagc	1860
						caaactggta	1920
		_		_		: taacttacac	1980
	_			_			

Input Set : D:\Avalon-188.txt

110	taattaaatc tgaattttgg attccaatat tcagccaact ataagtgtca agataatggc	gtgagaatca	atggcctaaa	tgctttttat	aaacattttt	2040 2100 2160
	agtataaatg actctcatct	_				2220
	acaaacttga agcaagttgc					2280
	taagtgtaaa gaaatatata					2340
	aaaaaaaaa aaaaaaaaaa		-	_		2384
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119	<211> LENGTH: 648					
	<212> TYPE: DNA					
121	<213> ORGANISM: Homo	sapiens				
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	gtggagcagt gaactgtgtg					60
	ctgaagagag agctgcacat					120
	gataaagacc aaatggatga					180
127	gagaaaggtg tttttaagct	agaagttatc	attcctgaga	ggtacccatt	tgaacctcct	240
128	cagateegat tteteactee	aatttatcat	ccaaacattg	attctgctgg	aaggatttgt	300
	ctggatgttc tcaaattgcc					360
130	gtgttgacct ctattcagct	gctcatgtca	gaacccaacc	ctgatgaccc	gctcatggct	420
131	gacatatcct cagaatttaa	atataataag	ccagccttcc	tcaagaatgc	cagacagtgg	480
132	acagagaagc atgcaagaca	gaaacaaaag	gctgatgagg	aagagatgct	tgataatcta	540
133	ccagaggctg gtgactccag	agtacacaac	tcaacacaga	aaaggaaggc	cagtcagcta	600
134	gtaggcatag aaaagaaatt	tcatcctgat	gtttagggga	cttgtcct ·		648
137	<210> SEQ ID NO: 5					
138	<211> LENGTH: 2740					
	<212> TYPE: DNA					
140	<213> ORGANISM: Homo s	sapiens				
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144	atggactcgt cgcttcaggc	ccgcctgttt	cccggtctcg	ctatcaagat	ccaacgcagt	120
145	aatggtttaa ttcacagtgc	caatgtaagg	actgtgaact	tggagaaatc	ctgtgtttca	180
146	gtggaatggg cagaaggagg	tgccacaaag	ggcaaagaga	ttgattttga	tgatgtggct	240
147	gcaataaacc cagaactctt	acagcttctt	cccttacatc	cgaaggacaa	tctgcccttg	300
148	caggaaaatg taacaatcca	gaaacaaaaa	cggagatccg	tcaactccaa	aattcctgct	360
149	ccaaaagaaa gtcttcgaag	ccgctccact	cgcatgtcca	ctgtctcaga	gcttcgcatc	420
	acggctcagg agaatgacat					480
	ttttcagttc ctcctgcccc					540
152	aggatggtca gcgaggagat	ggaagagcaa	gtccattcca	tccgtggcag	ctcttctgca	600
	aaccctgtga actcagttcg					660
154	aacaagcgag aagagaagaa	ggcccagaac	tctgaaatga	gaatgaagag	agctcaggag	720
	tatgacagta gttttccaaa					780
	ttggaatgtc atccacttac					840
	gttaggaaac gcccactgaa					900
	attcctagca agtgtctcct					960
159	tatctggaga accaagcatt	ctgctttgac	tttgcatttg	atgaaacagc	ttcgaatgaa	1020
160	gttgtctaca ggttcacagc	aaggccactg	gtacagacaa	tctttgaagg	tggaaaagca	1080
	acttgttttg catatggcca					1140
162	tctgggaaag cccagaatgc	atccaaaggg	atctatgcca	tggcctcccg	ggacgtcttc	1200
163	ctcctgaaga atcaaccctg	ctaccggaag	ttgggcctgg	aagtctatgt	gacattcttc	1260

Input Set : D:\Avalon-188.txt

164	gagatctaca	atgggaagct	gtttgacctg	ctcaacaaga	aggccaagct	gcgcgtgctg	1320
165	gaggacggca	agcaacaggt	gcaagtggtg	gggctgcagg	agcatctggt	taactctgct	1380
166	gatgatgtca	tcaagatgct	cgacatgggc	agcgcctgca	gaacctctgg	gcagacattt	1440
167	gccaactcca	attcctcccg	ctcccacgcg	tgcttccaaa	ttattcttcg	agctaaaggg	1500
168	agaatgcatg	gcaagttctc	tttggtagat	ctggcaggga	atgagcgagg	cgcagacact	1560
169	tccagtgctg	accggcagac	ccgcatggag	ggcgcagaaa	tcaacaagag	tctcttagcc	1620
170	ctgaaggagt	gcatcagggc	cctgggacag	aacaaggctc	acaccccgtt	ccgtgagagc	1680
171	aagctgacac	aggtgctgag	ggactccttc	attggggaga	actctaggac	ttgcatgatt	1740
172	gccacgatct	caccaggcat	aagctcctgt	gaatatactt	taaacaccct	gagatatgca	1800
			ccccacagt				1860
174	gaaacagaag	agatggaagc	ctgctctaac	ggggcgctga	ttccaggcaa	tttatccaag	1920
175	gaagaggagg	aactgtcttc	ccagatgtcc	agctttaacg	aagccatgac	tcagatcagg	1980
176	gagctggagg	agaaggctat	ggaagagctc	aaggagatca	tacagcaagg	accagactgg	2040
177	cttgagctct	ctgagatgac	cgagcagcca	gactatgacc	tggagacctt	tgtgaacaaa	2100
178	gcggaatctg	ctctggccca	gcaagccaag	catttctcag	ccctgcgaga	tgtcatcaag	2160
179	gccttacgcc	tggccatgca	gctggaagag	caggctagca	gacaaataag	cagcaagaaa	2220
180	cggccccagt	gacgactgca	aataaaaatc	tgtttggttt	gacacccagc	ctcttccctg	2280
181	gccctcccca	gagaactttg	ggtacctggt	gggtctaggc	agggtctgag	ctgggacagg	2340
182	ttctggtaaa	tgccaagtat	gggggcatct	gggcccaggg	cagctgggga	gggggtcaga	2400
183	gtgacatggg	acactccttt	tctgttcctc	agttgtcgcc	ctcacgagag	gaaggagctc	2460
184	ttagttaccc	ttttgtgttg	cccttcttc	catcaagggg	aatgttctca	gcatagagct	2520
185	ttctccgcag	catcctgcct	gcgtggactg	gctgctaatg	gagagctccc	tggggttgtc	2580
186	ctggctctgg	ggagagagac	ggagccttta	gtacagctat	ctgctggctc	taaaccttct	2640
			gaatgtcttg		aaatgtttct	gagacctctt	2700
188	tctactttac	tgtctcccta	gagtcctaga	ggatccctac			2740
191	<210> SEQ 1	ID NO: 6					
	<211> LENGT						
	<212> TYPE:						
	<213> ORGAN		sapiens				
	<400> SEQUE						
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			ggctttggaa				120
			tgaaggacag				180
			tctcgaggct				240
			aaacctgaaa				300
			gcagaagatt				360
			actgaattca				420
			tgagcttgaa				480
205	gtctctctga	atccatgcaa	tacaccacaa	aaaattttta	caactccact	aacaccaagt	540
206	caatattata	gtggttccaa	gtatgaagat	ctaaaagaaa	aatataataa	agaggttgaa	600
			agaggttaaa				660
			tcaccgcgac				720
			gaccccaagt				780
			atcttacttt				840
			aagagatgct				900
			aaaagcgcag				960
		-	acatgaaaaa		-	-	1020
	_		gaaagcaaaa		-		1080
215	aacaaatgta	gggatgaact	agtgagaaca	acagcacaat	acgaccaggc	gtcaaccaag	1140

Input Set : D:\Avalon-188.txt

216	tatactgcat	tggaacaaaa	actgaaaaaa	ttgacggaag	atttgagttg	tcagcgacaa	1200
217	aatgcagaaa	gtgccagatg	ttctctggaa	cagaaaatta	aggaaaaaga	aaaggagttt	1260
218	caagaggagc	tctcccgtca	acagcgttct	ttccaaacac	tggaccagga	gtgcatccag	1320
219	atgaaggcca	gactcaccca	ggagttacag	caagccaaga	atatgcacaa	cgtcctgcag	1380
220	gctgaactgg	ataaactcac	atcagtaaag	caacagctag	aaaacaattt	ggaagagttt	1440
221	aagcaaaagt	tgtgcagagc	tgaacaggcg	ttccaggcga	gtcagatcaa	ggagaatgag	1500
222	ctgaggagaa	gcatggagga	aatgaagaag	gaaaacaacc	tccttaagag	tcactctgag	1560
			ccacctggag				1620
224	aatcagagcc	agaattttgc	agaagaaatg	aaagcgaaga	atacctctca	ggaaaccatg	1680
225	ttaagagatc	ttcaagaaaa	aataaatcag	caagaaaact	ccttgacttt	agaaaaactg	1740
			ggaaaagcag				1800
			acttaatgat				1860
			gttaaaaaag				1920
			tgaaaacgaa				1980
			taatcacttg				2040
			agtaagaacg				2100
			cgtgttagac				2160
			gcagaaagct				2220
			gacttctcag				2280
			tgaaataatg				2340
			ggatctgcta				2400
			tttggctttt				2460
			aggaagcatg				2520
			ttctgccatc				2580
			gatgaactca				2640
			agaaaatctc				2700
			cattagtaag				2760
			tgcccttgag				2820
			ggcagagatt				2880
			acaacttta				2940
			aaataaaagg				3000
			atccttaaat				3060
			agatgaaagg				3120
			tttactacaa				3180
			agcagcacag				3240
			tgaaaatagg	_	_		3300
			attcttaaca				3360
			gacagtgcag				3420
			ggctggtggt				3480
			ggaagttaat				3540
			tgaatgtcaa				3600
			gagaaatcaa				3660
			tagttataat				3720
			tcaggaaagt				3780
			tcttgaaacc				3840
			tgaaatagat				3900
			cgacaatgca				3960
			gaaaatatgt				4020
			aaggtcagaa				4080
	5-222030	- 55		- 5	ugguu		- 300

Input Set : D:\Avalon-188.txt

Output Set: N:\CRF4\10242005\J553098.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of/each sequence which presents at least one n or Xaa.

```
Seq#:9; N Pos. 381
Seg#:10; N Pos. 10,14,278,288
Seq#:11; N Pos. 639
Seq#:12; N Pos. 268
Seq#:13; N Pos. 12,50,51,91,154,166
Seq#:15; N Pos. 502
Seq#:20; N Pos. 723
Seq#:25; N Pos. 583
Seg#:29; N Pos. 579,622
Seq#:30; N Pos. 527,537
Seq#:34; N Pos. 417,418,476,481,515
Seq#:35; N Pos. 565
Seq#:36; N Pos. 174
Seq#:38; N Pos. 264,266,267,268,269,270,291,292
Seq#:56; N Pos. 449,533
Seq#:67; N Pos. 102
Seq#:75; N Pos. 388,417
Seq#:76; N Pos. 113,115,178,617
Seg#:79; N Pos. 553,636
Seq#:89; N Pos. 396,411,472
Seq#:91; N Pos. 641
Seq#:94; N Pos. 560,576,596,610,624,639
Seq#:95; N Pos. 591,601,607,648,663
Seq#:101; N Pos. 221,343
Seq#:102; N Pos. 222
Seq#:107; N Pos. 540
Seq#:112; N Pos. 381
Seq#:113; N Pos. 10,14,278,288
Seq#:114; N Pos. 639
Seq#:115; N Pos. 268
Seq#:116; N Pos. 12,50,51,91,154,166
Seq#:117; N Pos. 241
Seq#:119; N Pos. 222,669
Seq#:120; N Pos. 386,393,410,423,446,452,466
Seq#:122; N Pos. 502
Seq#:128; N Pos. 723
Seq#:134; N Pos. 15,269,274,289,305,323,385,431,440,454,459,468
Seq#:135; N Pos. 583
Seq#:139; N Pos. 579,622
Seq#:140; N Pos. 527,537
Seq#:144; N Pos. 417,418,476,481,515
Seq#:145; N Pos. 565
Seq#:146; N Pos. 174
Seq#:148; N Pos. 264,266,267,268,269,270,291,292
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Input Set : D:\Avalon-188.txt

Output Set: N:\CRF4\10242005\J553098.raw

Seq#:158; N Pos. 457,643,768

Seq#:160; N Pos. 7,476,501,538,550,568,573,584,594,599,600,605,610,617,623
Seq#:160; N Pos. 625,629,634,640,643,646,650,653,662,683,688,690,706,709
Seq#:160; N Pos. 713,714,715,718,721,725,733,735,754,757,759,763,765,767

Seq#:165; N Pos. 24,205,448,505,520,534

Seq#:170; N Pos. 449,533 Seq#:171; N Pos. 455,494,526 VARIABLE LOCATION SUMMARY DATE: 10/24/2005
PATENT APPLICATION: US/10/553,098 TIME: 10:59:07

Input Set : D:\Avalon-188.txt

Output Set: N:\CRF4\10242005\J553098.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing. Use of <220> to <223> is MANDATORY if n's or Xaa's are present. in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

```
Seq#:9; N Pos. 381
Seq#:10; N Pos. 10,14,278,288
Seq#:11; N Pos. 639
Seq#:12; N Pos. 268
Seq#:13; N Pos. 12,50,51,91,154,166
Seq#:15; N Pos. 502
Seq#:20; N Pos. 723
Seq#:25; N Pos. 583
Seq#:29; N Pos. 579,622
Seq#:30; N Pos. 527,537
Seq#:34; N Pos. 417,418,476,481,515
Seg#:35; N Pos. 565
Seq#:36; N Pos. 174
Seq#:38; N Pos. 264,266,267,268,269,270,291,292
Seq#:56; N Pos. 449,533
Seq#:67; N Pos. 102
Seq#:75; N Pos. 388,417
Seq#:76; N Pos. 113,115,178,617
Seq#:79; N Pos. 553,636
Seq#:89; N Pos. 396,411,472
Seq#:91; N Pos. 641
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Seq#:101; N Pos. 221,343
Seq#:102; N Pos. 222
Seq#:107; N Pos. 540
Seq#:112; N Pos. 381
Seq#:113; N Pos. 10,14,278,288
Seq#:114; N Pos. 639
Seq#:115; N Pos. 268
Seq#:116; N Pos. 12,50,51,91,154,166
Seq#:117; N Pos. 241
Seq#:119; N Pos. 222,669
Seq#:120; N Pos. 386,393,410,423,446,452,466
Seq#:122; N Pos. 502
Seq#:128; N Pos. 723
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Seq#:135; N Pos. 583
Seq#:139; N Pos. 579,622
Seq#:140; N Pos. 527,537
Seq#:144; N Pos. 417,418,476,481,515
Seq#:145; N Pos. 565
Seq#:146; N Pos. 174
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VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/553,098

DATE: 10/24/2005

TIME: 10:59:07

Input Set : D:\Avalon-188.txt

Output Set: N:\CRF4\10242005\J553098.raw

Seq#:148; N Pos. 264,266,267,268,269,270,291,292

Seq#:158; N Pos. 457,643,768

Seq#:160; N Pos. 7,476,501,538,550,568,573,584,594,599,600,605,610,617,623
Seq#:160; N Pos. 625,629,634,640,643,646,650,653,662,683,688,690,706,709
Seq#:160; N Pos. 713,714,715,718,721,725,733,735,754,757,759,763,765,767

Seq#:165; N Pos. 24,205,448,505,520,534

Seq#:170; N Pos. 449,533 Seq#:171; N Pos. 455,494,526

VERIFICATION SUMMARY DATE: 10/24/2005 PATENT APPLICATION: US/10/553,098 TIME: 10:59:07

Input Set : D:\Avalon-188.txt

Output Set: N:\CRF4\10242005\J553098.raw

```
L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:441 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:9
L:441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:360
L:457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
M:341 Repeated in SeqNo=10
L:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:600
L:509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:240
L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
M:341 Repeated in SeqNo=13
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:480
L:770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:720
L:989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:540
L:1091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:540
M:341 Repeated in SeqNo=29
L:1114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:480
L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:360
M:341 Repeated in SeqNo=34
L:1224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:540
L:1241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:120
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:240
L:1757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:420
M:341 Repeated in SeqNo=56
L:2078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:60
L:2332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:360
L:2348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:60
M:341 Repeated in SeqNo=76
L:2408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:540
M:341 Repeated in SeqNo=79
L:2725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:360
M:341 Repeated in SeqNo=89
L:2770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:600
L:2828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:540
M:341 Repeated in SeqNo=94
L:2852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:540
M:341 Repeated in SeqNo=95
L:3024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:180
M:341 Repeated in SeqNo=101
L:3044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:180
L:3177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:480
L:3488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:360
L:3504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0
M:341 Repeated in SeqNo=113
L:3534 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:600
L:3556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:115 after pos.:240
L:3570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:0
M:341 Repeated in SeqNo=116
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L:3595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:240

VERIFICATION SUMMARYDATE: 10/24/2005PATENT APPLICATION: US/10/553,098TIME: 10:59:07

Input Set : D:\Avalon-188.txt

Output Set: N:\CRF4\10242005\J553098.raw

L:3690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:180 M:341 Repeated in SeqNo=119
L:3719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 after pos.:360 M:341 Repeated in SeqNo=120
L:3760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:480 L:4249 M:283 W: Missing Blank Line separator, <400> field identifier L:9205 M:283 W: Missing Blank Line separator, <400> field identifier L:10798 M:283 W: Missing Blank Line separator, <400> field identifier